

PigCHAMP Grow Finish Workbook

PigCHAMP Knowledge Software

1531 Airport Road Suite #101 Ames, IA 50010 Toll Free ~ 1-866-774-4242 Fax Number ~ (515) 233-7187 www.pigchamp.com



Table of Contents

Information Check – List	
Section A ~ Company & Farm Information	
Section B ~ Lookup Item Management	
Section C ~ Feed Management	
Section D ~ Creating your Growth Curve	
Section E ~ Setting up your Barn(s)	14
Section F ~ Assigning a Feed Bin to the Barn(s)	

If the user wishes to schedule a Grow-Finish setup & installation appointment, filling out the workbook will be <u>required</u>. The Customer Support team will also need to be sent (faxed or mailed) a completed workbook prior to the scheduled time.

Users can follow the checklist below to track information gathered; then complete the color-coded corresponding sections. This will help the user get started with the PigCHAMP Grow/Finish program.

^{***} Before installing or licensing the PigCHAMP Grow/Finish program, it is strongly recommended the user fill out this workbook to the best of their ability. You may need to contact your barn/feed managers, veterinarians, nutritionists, etc. in order to accurately complete the workbook. Completion will result in a faster setup process of the Grow/Finish Program. ***

Information Check – List:

*** Prelimi	nary Info Needed ***
☐ Is :	your farm All In / All Out or Continuous Flow?
	o To determine whether you are all in / all out or continuous flow; do you at any time add pigs to a barn that already has pigs placed?
	If so your barns would be continuous flow.
☐ Do	you know what your reporting week is (i.e. Sunday through Saturday)
	nat standard measurements do you use ~ Imperial (Ibs, sq. ft., ton) or Metric (kg, tones, sq mi)?
Section A:	Company & Farm Information
☐ Ha	ve you gathered company contact information (address, phone numbers)?
☐ Do	you have all necessary contact information for each individual farm location?
Section B:	Lookup Item Management
□ Do	you have a list of genetics companies and specific genetic lines currently being used?
	you know what kind of expenses you would like to track? (i.e. electricity, labor, etc.)
_	e there any environmental measurements (i.e. temp, water consumption, etc) you want to track?
_	you have a list of all operators (barn staff) currently working in the operation?
	you have a list of all current medications you use in your facility?
	Do any of them require a VFD (veterinarian feed directive)?
	Do you have the number of withdrawal days for both domestic & international?
	Do you have a list of all export markets?
☐ Do	you have packer & buyer contact information?
_	you have a list of all External Farms and their individual contact information that you ship or receive pigs from?
_	you know what veterinarian companies you use? You will need all contact info for the business and the individual vets being used.
_	you know have contact information for all hauling and trucking companies being used?
_	you have a list of all companies feed is ordered from? This includes bulk and bagged suppliers.
_	you have a list of all companies barn supplies are purchased from? (i.e. medical & office supplies, etc.)?

Section C: Feed Management

	Do you have a list of all feed ingredients and nutrients used? These will be used when you setup each ration mix. Do you have a list of current rations used in the barns and what type they are? Based on the ingredients & nutrients added, you will also need the percentage each makes up in the total mixture. Have you gathered your rations, types of pigs, and at what point they begin each ration? Do you apply or add any medication to your feed rations? If so, these must be gathered as well.
Section	D: Creating your Growth Curve
	Have you worked with your feed nutritionist or consultant to develop a growth curve for your production barns?
Section	E: Setting up your Barn(s)
	You will need to gather all barn information including the type, the date it was first opened, size of the building (gross size, misc. space
	including storage, feed space, offices, etc., and any individual pens), and what capacity of pigs it will hold
	You will also have the option of including additional details (i.e. floor types, feeder type, manure storage, etc.)
0 - 4! - 11	F. Assigning a Food Bin to the Demo(s)
	F: Assigning a Feed Bin to the Barn(s)
	Have you gathered all bin information ~ which bin goes with which barn or group within a barn?
	What size (capacity) does each bin hold?

Section A ~ Company & Farm Information:

Company Name	
a. Conta	t Information:
i.	Country:
ii.	Address:
	City:
iv.	State / Province:
V.	Zip / Postal Code:
	Phone Number: ()
	Fax Number: ()

Farm Identification:

A. Farm Code (up to 4 characters):	A. Farm Code (up to 4 characters):
B. Farm Name:	
C. Premise Identity:	C. Premise Identity:
D. Company it falls below:	
Farm Type ~ Choose one of the following:	Farm Type ~ Choose one of the following:
Sow Reproductive Farm	Sow Reproductive Farm
Grow/Finish Farm	Grow/Finish Farm
Farrow to Finish Farm	Farrow to Finish Farm
Units of Measure ~ Choose one of the following:	Units of Measure ~ Choose one of the following:
Imperial (lbs, tons, sq. ft)	Imperial (lbs, tons, sq. ft)
Metric (kg, tones, sq. m)	Metric (kg, tones, sq. m)
Currency ~ Choose one of the following:	Currency ~ Choose one of the following:
US Dollars (USD)	US Dollars (USD)
☐ Canadian Dollars (CAD) ☐ British Pounds (GBP)	Canadian Dollars (CAD)British Pounds (GBP)
Mexican Peso (MXN)	Mexican Peso (MXN)
Brazilian Real (BRL)	Brazilian Real (BRL)
Euro (EUR)	Euro (EUR)
Spanish Peseta (ESP)	Spanish Peseta (ESP)
Contact Info:	Contact Info:
A. Farm Owner:	A. Farm Owner:
B. Phone #: ()	B. Phone #: ()
C. Email:	C. Email:
D. Manager:	D. Manager:
E. Phone # :()	E. Phone # :()
F. Email:	
Farm Address:	Farm Address:
A. Country:	A. Country:
B. Address:	B. Address:
C. City:	C. City:
D. State / Province:	D. State / Province:
E. Zip / Postal Code:	E. Zip / Postal Code:
F. Fax Number: ()	F. Fax Number: ()

Section B ~ Lookup Item Management: at anytime the user is able to add, merge or disable dictionary items

Genetics:	Medications:
A. Genetics Companies:	A. Name:
•	B. Administration Method:
	Administered Directly
	☐ Administered in Feed → Is a VFD required? Yes / No
	C. Default Unit of Measure:
B. Genetics Used:	Grams (g)
	Kilograms (kg)
	Ounces (oz)
	Pounds (lbs) Centiliter (cc)
Expenses:	Milliliter (ml)
A. Electricity, Labor, LP Gas, Vet Services, Water are already included	D. Min Usage (days):
	E. Max Usage (days):
B. Others:	F. Domestic Withdrawal Period (days):
	G. Export Market:
	# Days WD
*** User can choose which expense category they would like and how it has been	# Days WD
allocated (on a specific date or over a period of time).	# Days WD
Environmental Measurements:	
A. Humidity, Temperature, Water Consumption are already included	A. Name:
B. Others:	B. Administration Method:
	Administered Directly
	Administered in Feed Is a VFD required? Yes / No
*** User can choose how the measurements are recorded (daily or over a period of	C. Default Unit of Measure:
time) and also what minimum & maximum set values are.	Grams (g)
and also mathematical analysis and the second	Kilograms (kg)
Operators: List of barn staff you currently have working in the facility	Ounces (oz)
	Pounds (lbs) Centiliter (cc)
_	Milliliter (ml)
	D. Min Usage (days):
C	E. Max Usage (days):
D	F. Domestic Withdrawal Period (days):
E	G. Export Market:
F	# Days WD
G	# Days WD
	# Days WD

Pack(ers & Buyer Information:	
Α	Name:	A. Name:
В	Description (Company Name):	B. Description (Company Name):
C		C. Address:
D.		D. City:
E.	State / Province:	E. State / Province:
F.	Zip / Postal Code:	F. Zip / Postal Code:
G		G. Country:
H.	Contact Person:	H. Contact Person:
I.	Phone: () Fax: ()	H. Contact Person: Fax: () Fax: ()
J.	Email:	J. Email:
K	Premise ID:	K. Premise ID:
Α	. Name:	Veterinarian Companies:
В	Description (Company Name):	
C		A. Name:
D.		B. Description (Company Name):
E.	State / Province:	C. Address:
F.		D. City:
G	. Country:	E. State / Province:
H.	Contact Person:	F. Zip / Postal Code:
I.	Phone: () Fax: ()	G. Country:
J.	Email:	H. Contact Person:
K	. Premise ID:	I. Phone: ()Fax: ()
		J. Email:
<u>Exter</u>	nal Farms:	
Α	Namo:	Individual Veterinarians:
B		A Floridation of
C		A. First Name:
D		B. Last Name:
E.		
F.	Zip / Postal Code:	D. Vet Company they fall under:
G		A First Name.
H		A. First Name:
11:	- Contact i cisoni	B. Last Name:
	Phone: () Fax: ()	C. Frankl Address.
.I	Phone: () Fax: () Email:	C. Email Address: D. Vet Company they fall under:

<u>Trans</u> p	oortation (Trucking):	Feed Companies:
Α.	Name:	A. Name:
В.	Description (Company Name):	
C.	Address:	
D.	City:	D. City:
E.	State / Province:	
F.	Zip / Postal Code:	F. Zip / Postal Code:
G.	Country:	G. Country:
H.	Contact Person:	H. Contact Person:
i.	Phone: ()Fax: ()	I. Phone: ()Fax: ()
J.	Email:	
Barn A	Narm Manufacturer:	
	Name:	Section C ~ Feed Management:
В.	Name:	
C.	Name:	Ingredients: a component making up a feed ration such as corn or soybeans
D.	Name:	
Dorn C	Controller Manufacturer:	•
		•
Α.	Name:	<u> </u>
В.	Name:	<u> </u>
C.	Name:	 •
D.	Name:	•
Suppli	ers:	•
очрр	<u> </u>	
A.	Name:	Nutrients: Feed elements which support the life of an animal. Proteins, fats, minerals, and vitamins are all examples of nutrients.
В.	Description (Company Name):	•
C.	Address:	
D.	City:	
E.	State / Province:	•
F.	Zip / Postal Code:	•
G.	Country:	<u> </u>
H.	Contact Person:	
I.	Phone: ()Fax: ()	

PigCHAMP Grow-Finish Workbook

Developing a Ration: the amount of a feed diet consumed by a group of animals either by a specific amount per pig or over a specified period of time. A. Ration Name: A. Ration Name: B. Ration Type ~ Choose one of the following: B. Ration Type ~ Choose one of the following: Crumble Crumble Meal Meal Liquid Liquid Mash Mash Pellet Pellet C. Select the nutrients from the drop down list; you will need to C. Select the nutrients from the drop down list; you will need to know what percent each has in the total ration. know what percent each has in the total ration. D. Select the ingredients from the drop down list; you will need to D. Select the ingredients from the drop down list; you will need to know what percent each has in the total ration. know what percent each has in the total ration.

<u>Creating a Feed Budget</u>: A feed budget is a mechanism used to ensure the correct amount of each diet is delivered to a given group of pigs. Feed budgets are designed to establish a ration schedule based on the weight of pigs, number of days on feed, or total weight of a ration consumed.

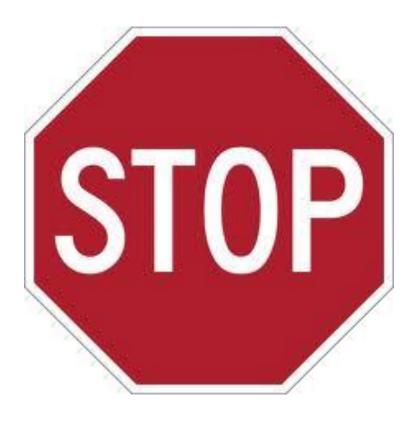
A.	Feed Budget Name:	A. Feed Budget Name:
B.	Sex ~ Choose from the following:	B. Sex ~ Choose from the following:
	Mixed	Mixed
	Barrow	Barrow
	Gilt	Gilt
C.	Units ~ Choose from the following:	C. Units ~ Choose from the following:
	Start Weight of Pig	Start Weight of Pig
	Days on Feed	Days on Feed
	Consumed per Pig	Consumed per Pig
*** Ba	sed on the Units you will need to know the following:	*** Based on the Units you will need to know the following:
Start V	Neight of Pig:	Start Weight of Pig:
	Select the Ration:	
В.	What is the start weight of the pig:	B. What is the start weight of the pig:
C.	Consumption Rate (i.e. lbs/pig/day):	C. Consumption Rate (i.e. lbs/pig/day):
	Target FCR (feed conversion rate):	
Davs (on Feed:	Days on Feed:
•	Starting Age of Pigs:	
В.	Select the Ration:	B. Select the Ration:
C.	Number of Days on Feed:	C. Number of Days on Feed:
D.		D. Consumption Rate (i.e. lbs/pig/day):
E.	Target FCR (feed conversion rate):	
Consu	ımed per Pig:	Consumed per Pig:
	Starting Age of Pigs:	• •
	Select the Ration:	D. Oalast Han Dettana
	What is the total lbs/kg that is consumed per pig?	
	Consumption Rate (i.e. lbs/pig/day):	
	Target FCR (feed conversion rate):	E Target FCP (feed conversion rate):

Creating a Medications Budget:

Α.	Medicatio	on Budget Name:			
В.	What Feed Budget is it assigned to:				
C.	What med	dications are you adding to the feed:			
	a				
	b				
	c				
	d				
	e				
	f				
Α.	Medicatio	on Budget Name:			
В.		d Budget is it assigned to:			
		dications are you adding to the feed:			
Ο.	a.	ale you adding to the leed.			
	b				
	f				
A.	Medicatio	on Budget Name:			
В.	What Fee	d Budget is it assigned to:			
C.	What med	dications are you adding to the feed:			
	a				
	b				
	c				
	d				
	е				
	f				

Section D ~ Creating your Growth Curve

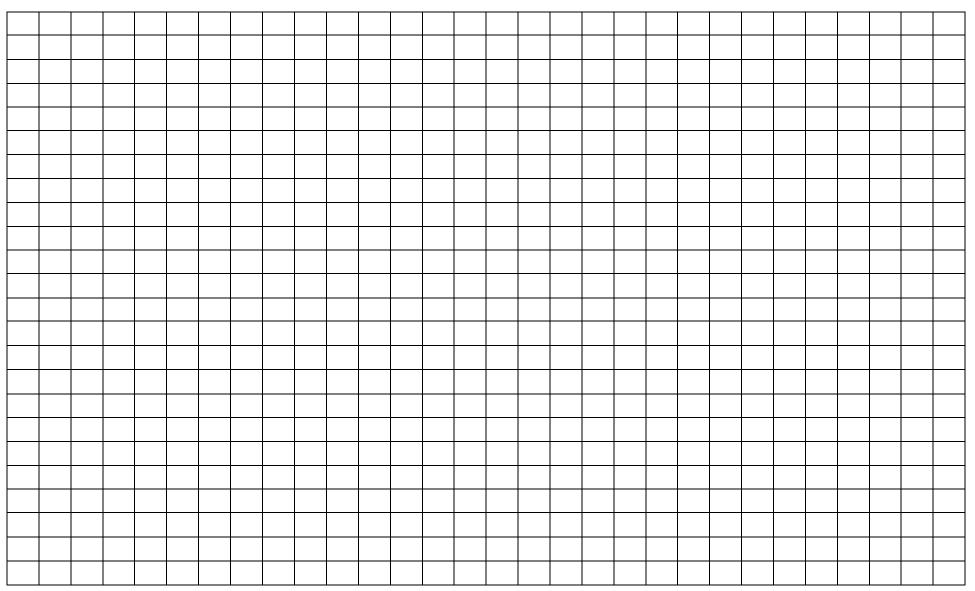
Grow	th Curve Name:	
Sex ~	Choose one of the fo	llowing:
	Mixed	J
	Barrow	
	Gilt	
At wh	at age of the pig shou	ld their target weight be at:
a.	Age:	Weight:
b.	Age:	
C.	Age:	Weight:
d.		Weight:
e.	Age:	Weight:
f.	Age:	Weight:
g.	Age:	Weight:
ĥ.		Weight:
i.		Weight:
j.	Age:	Weight:
k.	Age:	Weight: Weight:
I.	Age:	Weight:
	th Curve Name: Choose one of the fo	llowing:
	Mixed	
	Barrow	
	Gilt	
At wh	at age of the pig shou	Id their target weight be at:
a.		Weight:
b.	Age:	Weight:
C.		Weight:
d.	Age:	Weight:
e.	Age:	Weight:
f.	Age:	Weight:
g.	Age:	Weight:
ĥ.		Weight:
i.	Age:	Weight:
j.	Age:	Weight:
k.		Weight:
I.	Age:	Weight:



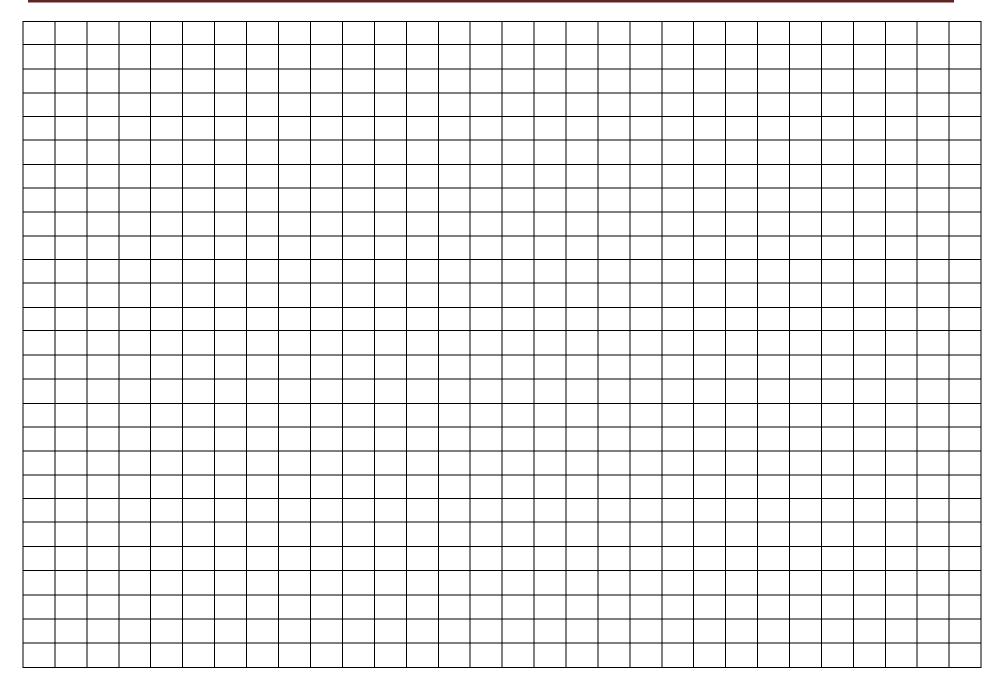
The following pages provide the user with space to visually draw out their barns and track the flow of pigs from one location to another. <u>PLEASE</u> be sure this is completely filled out! It is very important for the PigCHAMP Customer Support Team to understand how your operation works!

Section E ~ Setting up your Barn(s)

*** Use the graph paper below to draw your barn(s) layout; mark any office space, feed room, storage, etc. Mark down all measurements of the buildings size (perimeter) and if your barn is broken into pens you will need to size of the individual pens also.



PigCHAMP Grow-Finish Workbook



A. Creatii	ng a new Barn:	B.	Choos	ing Details for each Barn:
a.	Barn Name:		a.	Stage of Production ~ Choose one of the following:
b.	Barn Type ∼ Choose one of the following:			i. Wean to Finish vs. Finisher
	i. Hoop			ii. Nursery
	ii. Open Front			iii. Gilt Developer vs. Gilt Isolation
	iii. Open Lot		b.	Floor Type ~ Choose one of the following:
	iv. Confinement			i. Aluminum Slats
C.	Date barn opened:			ii. Concrete
d.	Capacity:			iii. Deep Bedding
	i. Non-Productive barn days (down days):			iv. No Floor (Dirt) v. Partial Slats / Plastic Slats / Slats
	ii. Gross Area (total barn size):			v. Partial Stats / Plastic Stats / Stats vi. Steel
e.	Is this barn broken into individual pens or groups?		•	Manure Storage ~ Choose one of the following:
	Circle one ~ Yes or No		C.	i. Deep Pit vs. Partial Pit
				ii. Outside Formed vs. Outside Earthen
If No. you will	need to know the following info:			iii. Open Lot
	Net Area:		d.	Feeder Type ~ Choose one of the following:
	Capacity (assuming normal stocking numbers):		•	i. Tube Single vs. Tube Double
	Pig Spaces:			ii. Dry
C.	i ig opaces.			iii. Wet Dry
If V 10	Larrand to have see that fall and a see FAOII amount and are		e.	Waterer Type ~ Choose one of the following:
=	I need to know the following for EACH group space:			i. Cups
a.	Sub-division Name:			ii. Nipple
b.	Net Area:			iii. In Feeder
C.	Capacity (assuming normal stocking numbers):			iv. Swinging
d.	Pig Spaces:		f.	Ventilation ∼ Choose one of the following:
_	Out district Names			i. Power
a.	Sub-division Name:			ii. Open Air
b.	Net Area: Capacity (assuming normal stocking numbers):			iii. Natural
c. d.	Pig Spaces:			iv. Tunnel
u.	i ig opaces.		g.	Controller Manufacturer ~ Choose one of the following:
•	Sub division Name		h	i. Based on your own list you added to the LIM earlier
a.	Sub-division Name:			Heated ~ Yes / No
b. C.	Net Area: Capacity (assuming normal stocking numbers):		İ.	Backup Power Supply ~ Yes / No
d.	Pig Spaces:		j.	Alarm
u.	1 ig opucco:			i. Type ~ Paging vs. Siren
a.	Sub-division Name:		l.	ii. Manufacturer ~ Based on your own list you added to the LIM
a. b.	Net Area:		K.	Loading Chute
D. C.	Capacity (assuming normal stocking numbers):			i. Height ~ Semi vs. Stock Trailer ii. Type ~ Portable vs. Fixed
d.	Pig Spaces:			II. Type ~ Fullable vs. Fixeu
u.	1 lg Opacco:			

A. Creatir	ng a new Barn:	B.	Choos	ing Details for each Barn:
a.	Barn Name:		a.	Stage of Production ~ Choose one of the following:
	Barn Type ~ Choose one of the following:			i. Wean to Finish vs. Finisher
	i. Hoop			ii. Nursery
	ii. Open Front			iii. Gilt Developer vs. Gilt Isolation
	iii. Open Lot		b.	Floor Type ~ Choose one of the following:
	iv. Confinement			i. Aluminum Slats
C.	Date barn opened:			ii. Concrete
d.	•			iii. Deep Bedding
u.	i. Non-Productive barn days (down days):			iv. No Floor (Dirt)
	ii. Gross Area (total barn size):			v. Partial Slats / Plastic Slats / Slats
e.	Is this barn broken into individual pens or groups?			vi. Steel
G.	Circle one ~ Yes or No		C.	Manure Storage ~ Choose one of the following:
	Circle one ~ 1e2 or No			i. Deep Pit vs. Partial Pit
If No you will	need to know the following info			ii. Outside Formed vs. Outside Earthen
	need to know the following info:			iii. Open Lot
a.	Net Area:		a.	Feeder Type ~ Choose one of the following:
b.	Capacity (assuming normal stocking numbers):			i. Tube Single vs. Tube Double
C.	Pig Spaces:			ii. Dry
			•	iii. Wet Dry Waterer Type ~ Choose one of the following:
If Yes, you will	I need to know the following for EACH group space:		e.	· · · · · · · · · · · · · · · · · · ·
, , a.				i. Cups ii. Nipple
b.	Net Area:			iii. In Feeder
C.	Capacity (assuming normal stocking numbers):			iv. Swinging
d.	Pig Spaces:		f.	Ventilation ~ Choose one of the following:
				i. Power
a.	Sub-division Name:			ii. Open Air
b.	Net Area:			iii. Natural
C.	Capacity (assuming normal stocking numbers):			iv. Tunnel
d.	Pig Spaces:		a.	Controller Manufacturer ~ Choose one of the following:
			9.	i. Based on your own list you added to the LIM earlier
a.	Sub-division Name:		h.	Heated ~ Yes / No
b.	Net Area:		i.	Backup Power Supply ~ Yes / No
C.	Capacity (assuming normal stocking numbers):		i.	Alarm
d.	Pig Spaces:		١.	i. Type ~ Paging vs. Siren
	· ————————————————————————————————————			ii. Manufacturer ~ Based on your own list you added to the LIM
a.	Sub-division Name:		k	Loading Chute
b.	Net Area:		r.	i. Height ~ Semi vs. Stock Trailer
C.	Capacity (assuming normal stocking numbers):			ii. Type ~ Portable vs. Fixed
d.	Pig Spaces:			ii. Typo Tottable vo. Tixea
	· · · · · · · · · · · · · · · · · · ·			

Section F ~ Assigning a Feed Bin to the Barn(s):

Α.	Bin Name:
B.	Bin Capacity:
C.	Which Barn or Sub-division (group) is the bin assigned to:
	a
	b
	C
	d
	e
Α.	Bin Name:
В.	Bin Capacity:
C.	Which Barn or Sub-division (group) is the bin assigned to:
•	a.
	b.
	c.
	d.
	e
Α.	Bin Name:
В.	Bin Capacity:
	Which Barn or Sub-division (group) is the bin assigned to:
•	a.
	b.
	C.
	d.
	e
Α.	Bin Name:
B.	Bin Capacity:
C.	Which Barn or Sub-division (group) is the bin assigned to:
٠.	a.
	b.
	C.
	d.
	e

A.	Bin Name:
B.	Bin Capacity:
C.	Which Barn or Sub-division (group) is the bin assigned to:
	a
	b
	C
	d
	e
Α.	Bin Name:
B.	Bin Capacity:
C.	Which Barn or Sub-division (group) is the bin assigned to:
	a.
	b
	C
	d
	e
Α.	Bin Name:
В.	Bin Capacity:
C.	Which Barn or Sub-division (group) is the bin assigned to:
	a
	b
	C
	d
	e
Α.	Bin Name:
B.	Bin Capacity:
C.	Which Barn or Sub-division (group) is the bin assigned to:
J .	a.
	b.
	c.
	d.
	^