

The logo for CHORE-TIME, featuring the brand name in a bold, white, sans-serif font inside a red, rounded rectangular shape with a white outline. The background of the slide is a dark red with abstract, overlapping geometric shapes in lighter shades of red. A faint white outline of a hexagonal shape is visible in the upper left quadrant, with a thin white line extending from its right side towards the center.

CHORE-TIME[®]

Konavi[®] and Genesis[®] Feeders

Dan Morehouse
Product Manager



Daniel Morehouse
Product Manager

About Me

Education

- Engineering

Chore-Time

- Engineer (2017-2021)
 - Floor Feeding Product Line
 - Additional Projects in Ventilation and Flex-Auger Product Lines
- Product Manager (2021-Present)
 - Broiler Product Lines – Floor Feeding, Ventilation, Watering, Flex-Auger

Hobbies

- Reading, Guitar, and Travel

Genesis® Feeder



GENESIS®

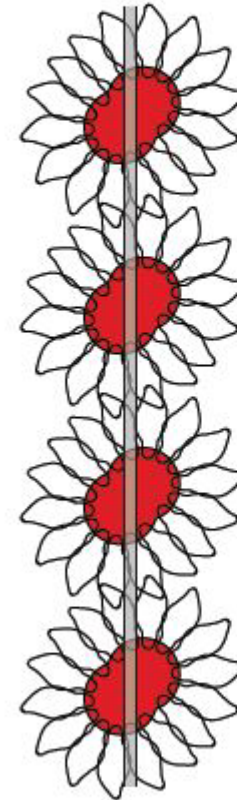
- Offered in both Pullet and Layer configurations
 - Pullet excludes height rings and adjustable with internal grill
- Can be configured in a loop or a straight line
- Unique design provides consistent delivery of feed to pans, without tube indexing



GENESIS®

- Choose more birds or fewer feeder pans
- 18 grill openings at every feeder (more than any other pan feeder). Handles up to 20 pullets per feeder
- 4 pans per 10-foot (3.05 m) tube, equates to 38% more birds in GENESIS® house than chain feeders
- 45-degree angle on the feeder tube permits a variety of feeder configurations while still giving birds eating comfort and easy access to drinkers

**Feed the Same
Number of Birds
in Less Space**



*Simultaneously feed 64 birds per
12-foot (3.66 m) four-pan feeder tube.*



*It requires 16 ft. (4.88 m) of
chain trough to feed 64 birds.*

GENESIS®

- Features Chore-Time's patented scalloped grill for comfortable perimeter eating
- Supports skip-a-day feeding
- Can handle a small enough volume of feed for daily feeding if desired



Konavi[®] Pullet Feeder



KONAVI®

- Excluder keeps birds out (limits disease spread)
- Low pan height for maximum access at Day 1
- Anti-rake fins keep feed in feeder
- Designed for easy cleaning
- Typically more available feed space than traditional open-grill pans



KONAVI® Keyless Lock

- NEW updated lock and hinge
- No longer need a key to lock the feeder
- Moved to a positive-locking system
- Less parts to inventory
- Passed testing and has proven durability



KONAVI[®] Dual-Ball Joint Hinge

- 2 points of contact (Improvement over the 1 point of contact on the previous version)
- Pan snaps into Excluder with 2 ball-in-socketted joints
- Easy to clean feature due to cleverly engineered mold design
- Fully power washable design





Power Washing KONAVI®

OLD HINGE



NEW HINGE



KONAVI® Pullet Components

- Heavy Duty 2 piece top specifically designed to stand up to aggressive feeding seen with pullets
- Designed to hold less feed with new cone and restrictor design for proper pullet house management
- New skirt design that limits feed and pushes feed all the way to the edge of the pan



Konavi Pullet

- All the great benefits of the Konavi Design
 - Low pan height
 - Keeps feed in, birds out
 - Easy to Clean
- Uses NEW Keyless Lock and Dual Hinge Design
- Restrictor has been designed stay in cone, even when the pan is removed



Konavi[®] Pullet Benefits

- Calmer birds during the eating period (Feed line runs fewer times to distribute days feed ration vs system using low-capacity pans)
- Feed flows all the way to the edge of the pan, allowing more space between the shoulders of the bird (Leads to more favorable bird placement around the pan)
- Uses a straight line indexed feed line to get feed out of the feed hopper and down to the end of the feed lines quickly and efficiently (Don't need to fill lines in the air and drop them)



Chore-Tronics Breeder Edition with Konavi[®] Pullet

- Use the *Breeder Edition* of the Chore-Tronics 3 (Catalyst version in development) controller, with special functionality built in specific to raising breeders and pullets:
 1. Can limit feed to birds using balance beam scales, dump scales, or load cells on any type of schedule (EOD, 5 and 2, etc.)
 2. Grower can also setup Light Clocks that can follow feed and non-feed day schedules
 3. It is also possible to turn extra tunnel fans during feeding to help keep birds comfortable.



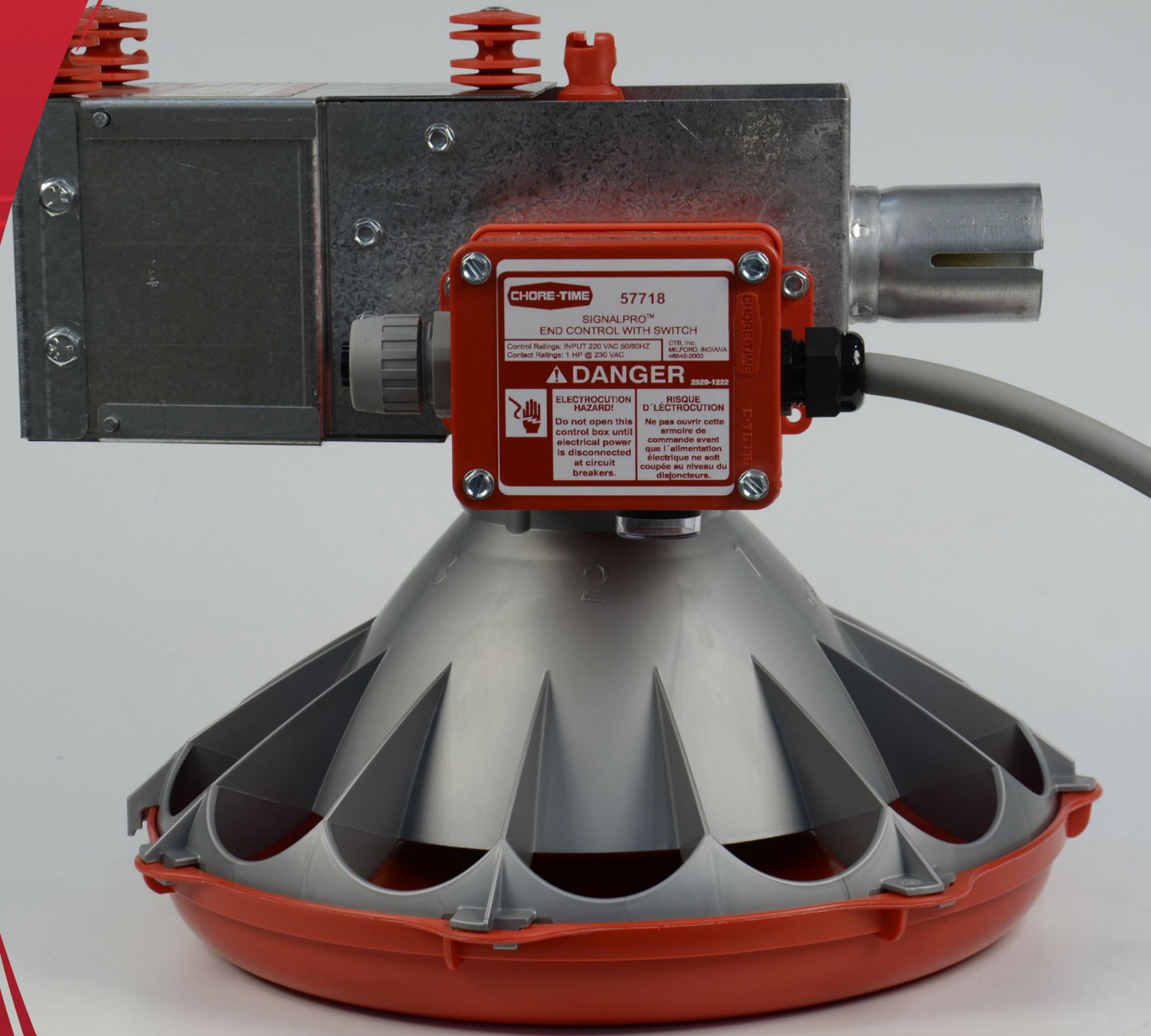
Signal Pro[®] Universal Control Pan

- Compatible with most CT Broiler Feeders, and Konavi[®] Pullet Feeder
- Only stock 1 Control Pan/Repair
- Integrated LED Light 110/220V
- Modular switch design, easy to retrofit between Mechanical Switch or Sensor
- Many Konavi[®] based benefits



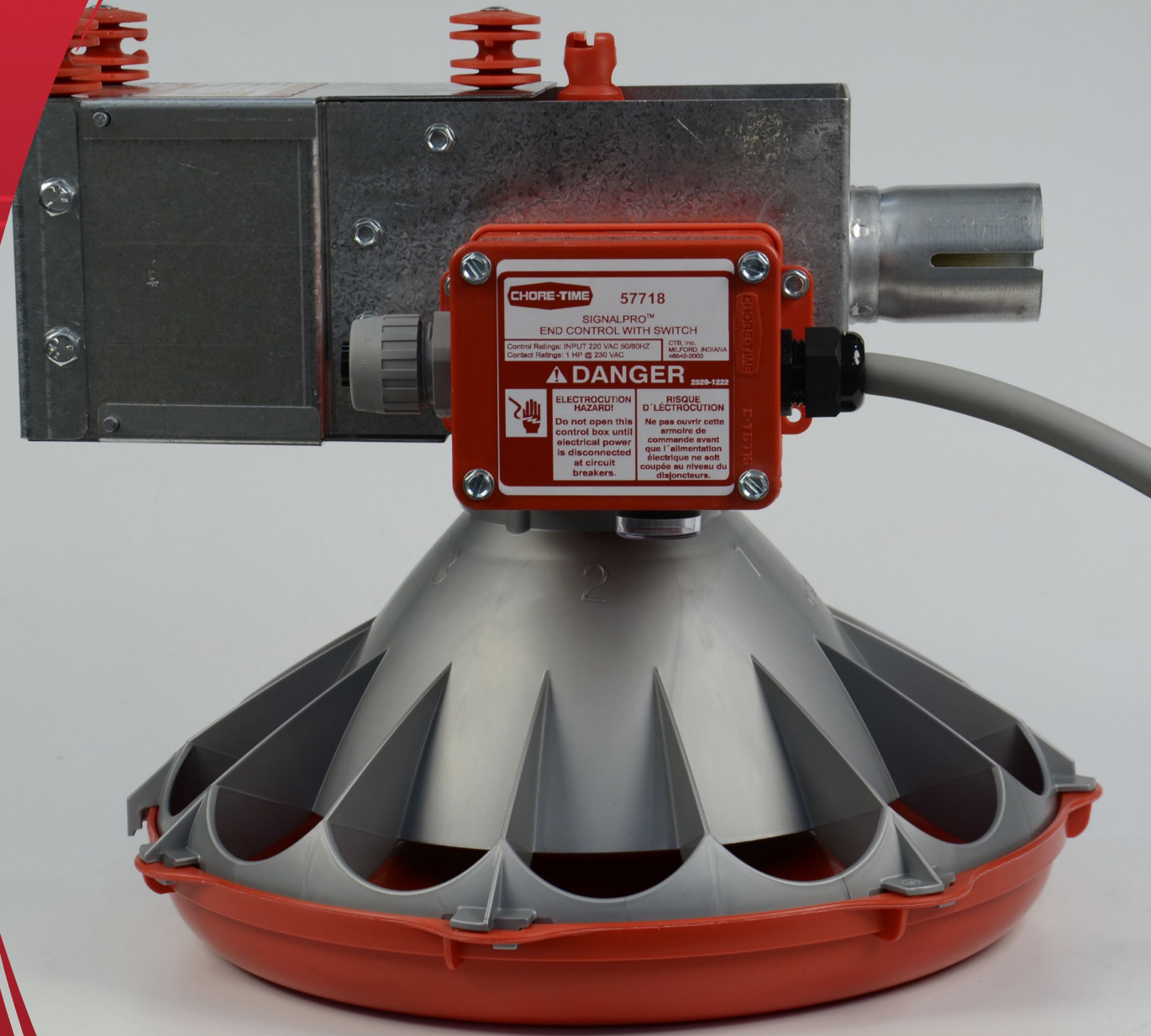
Signal Pro[®] Universal Control Pan

- Auto-adjusting paddle, No more adjusting paddle sensitivity
- New paddle activates switch more reliably with new spring design
- Switch is field replaceable without taking control pan off the feed line
- Control pan is designed to operate in flood. Don't need to take the pan off



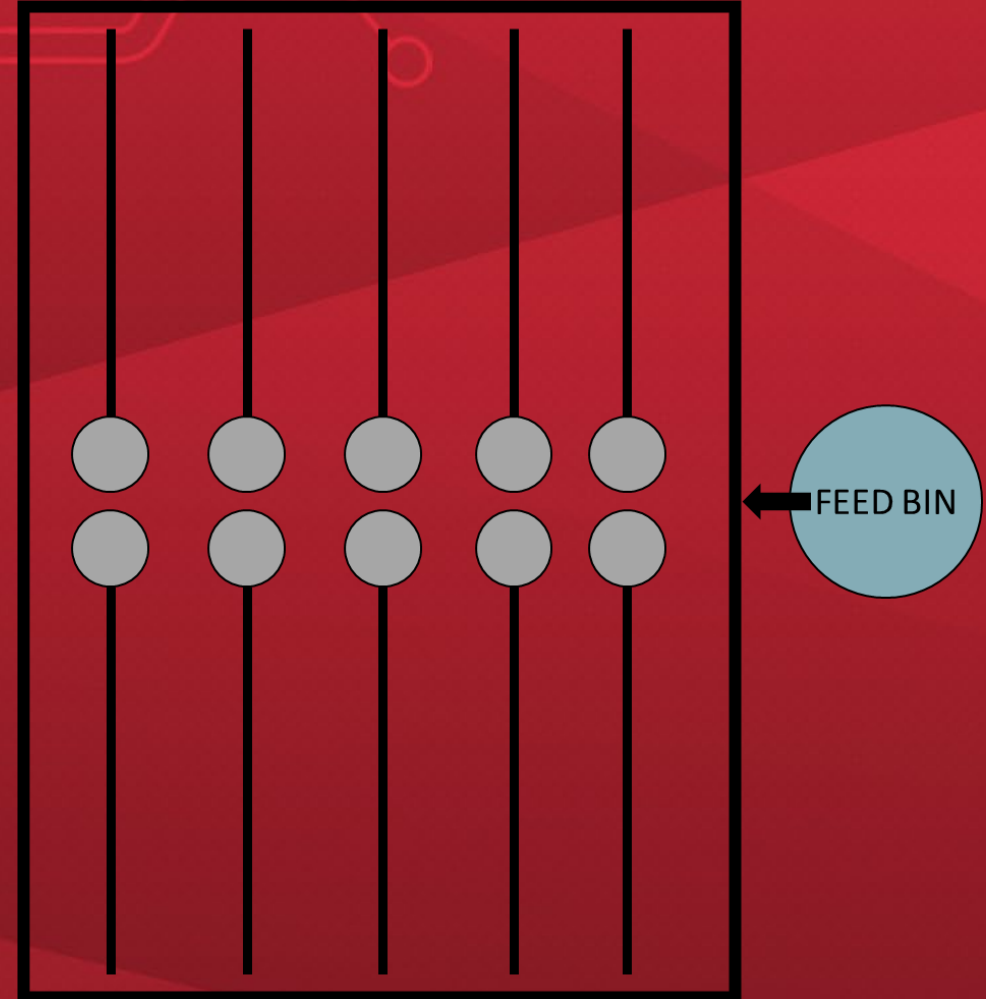
Signal Pro[®] Universal Control Pan

- Allows modular assembly with either a sensor or a switch, easy to retro-fit new sensing technology
- There is a midline with this same design
- Sensor version doesn't require sensitivity and delay potentiometers, improving reliability
- New auger plug reduces feed blow-by, which is especially helpful when using high-speed augers



Konavi® Pullet House Management Example

- Flock Size: 11,000 Birds
- House Length: 420 FT
- House Width: 40 FT
- Line Length: 200 FT (Middle-Out)
- Lines in House: 10 (5 lines split in middle)
- Square FT per Bird: 1.53
- Total Pans in House: 816



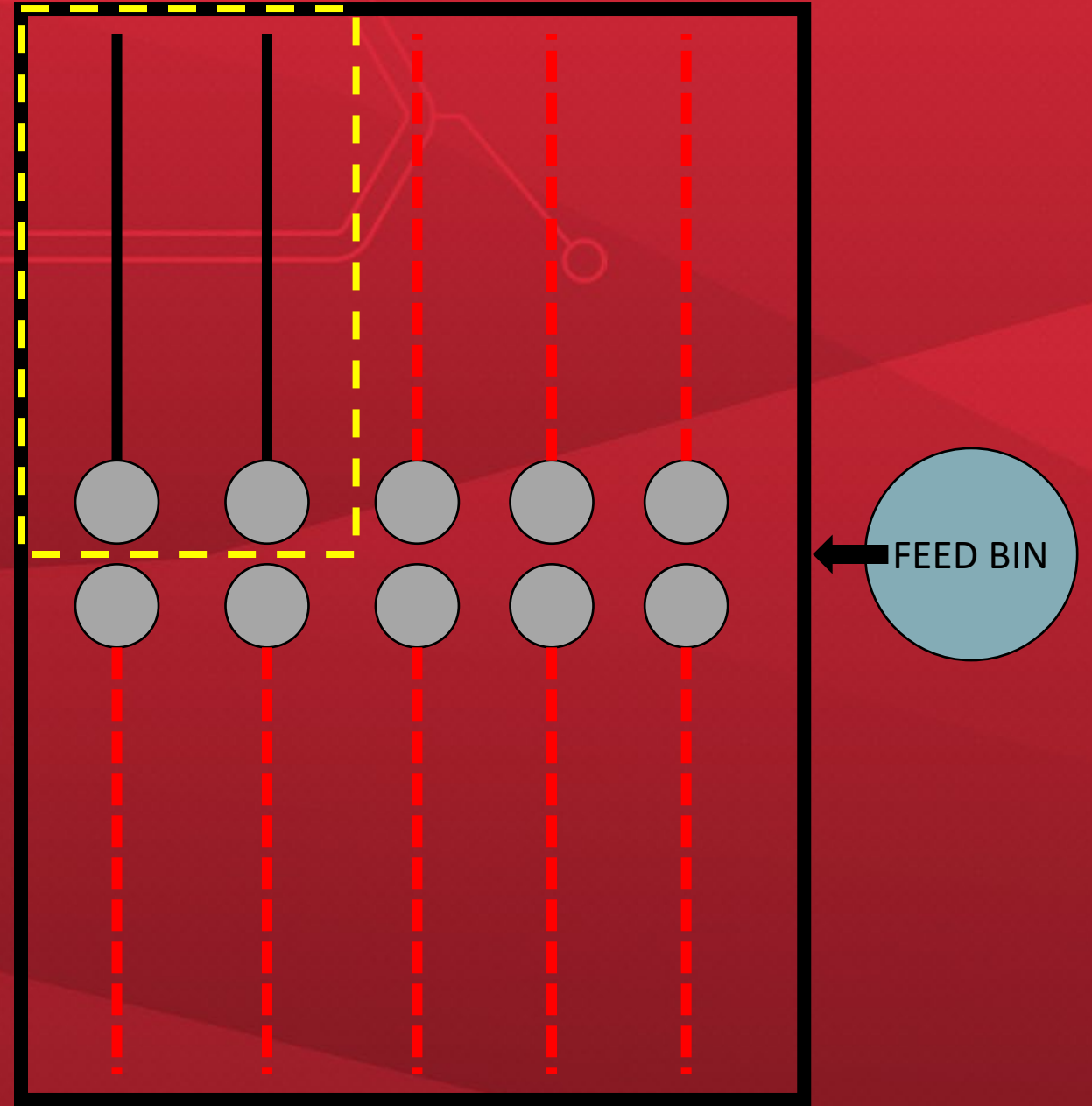
Konavi® Pullet House Management Example

<u>Week</u>	<u>Feed System Management Highlights</u>
1	Pans flooded, quarter house brood
2	Raise pans off floor to take out of flood -- day 10
3	Lower 3rd line, start feed restriction, daily feeding
4	Lower 4th line, continue daily feeding
5	Open 2nd half of house, 3 lines down both halves, start 4/3 feeding
6	Drop 4th line
7	
8	
9	Drop 5th line
10	
11	
12	Full house individual bird vaccination (raise all lines then drop back into place)
13	
14	
15	Continue raising birds until they move to production house

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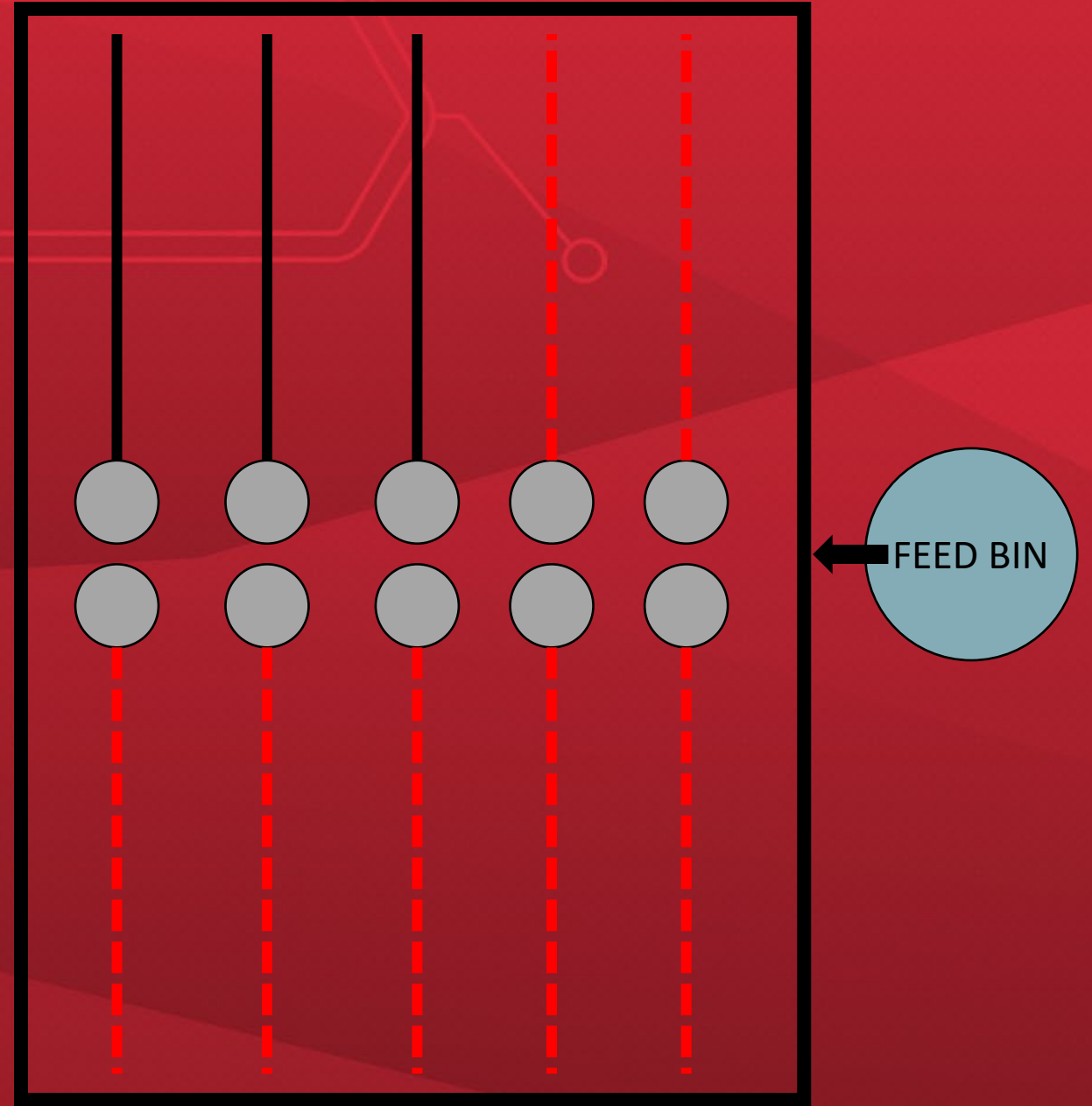
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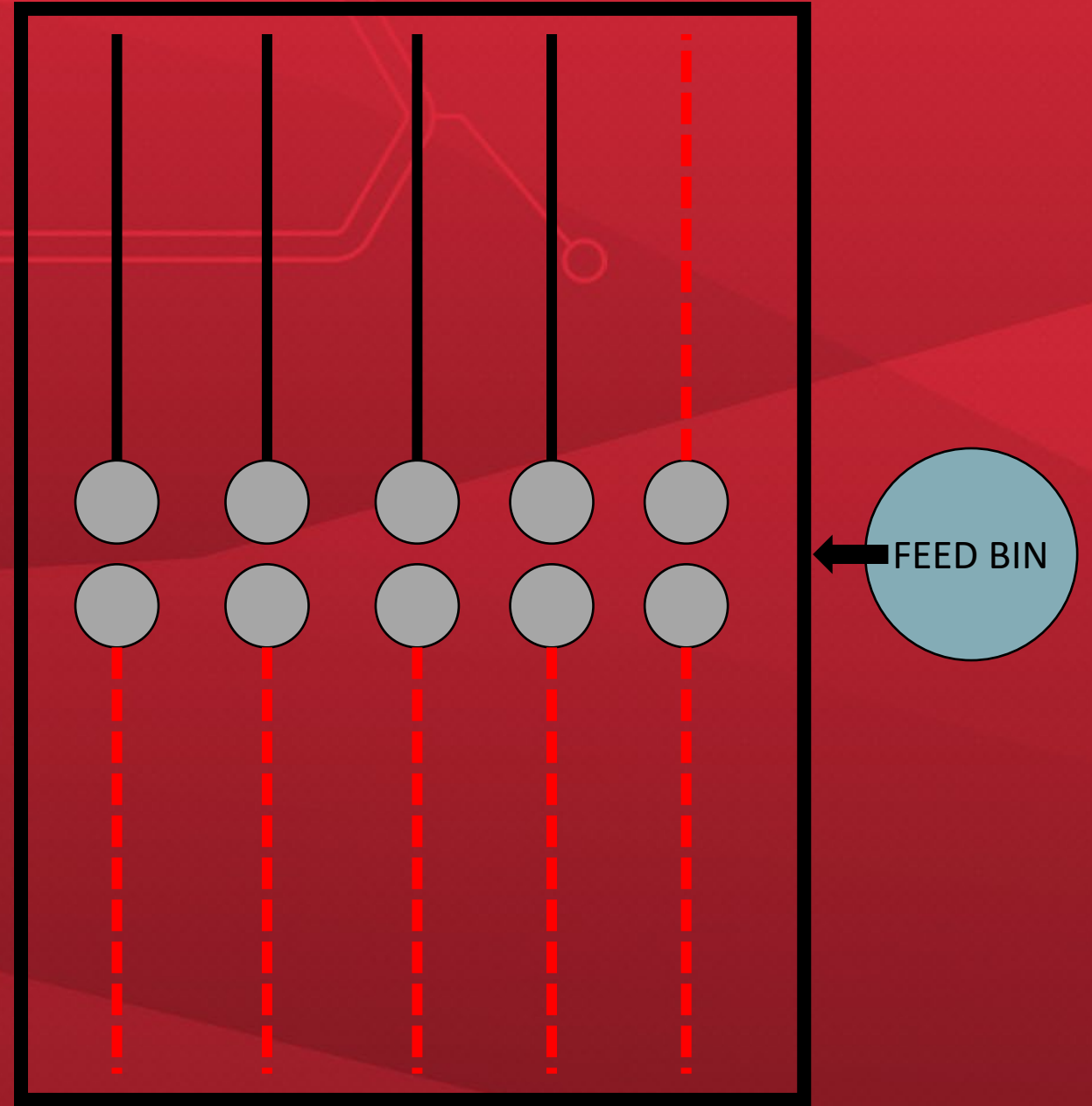
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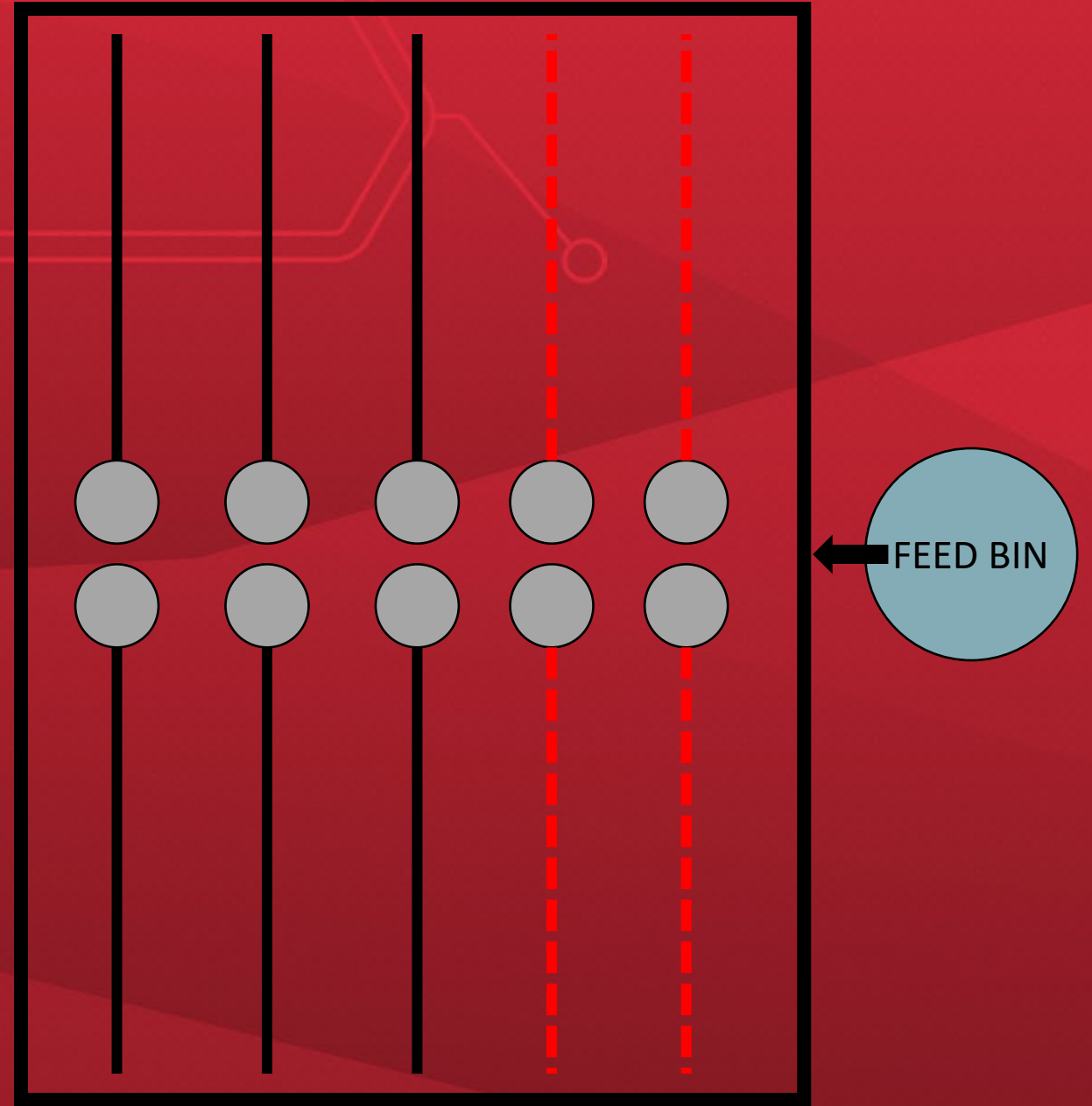
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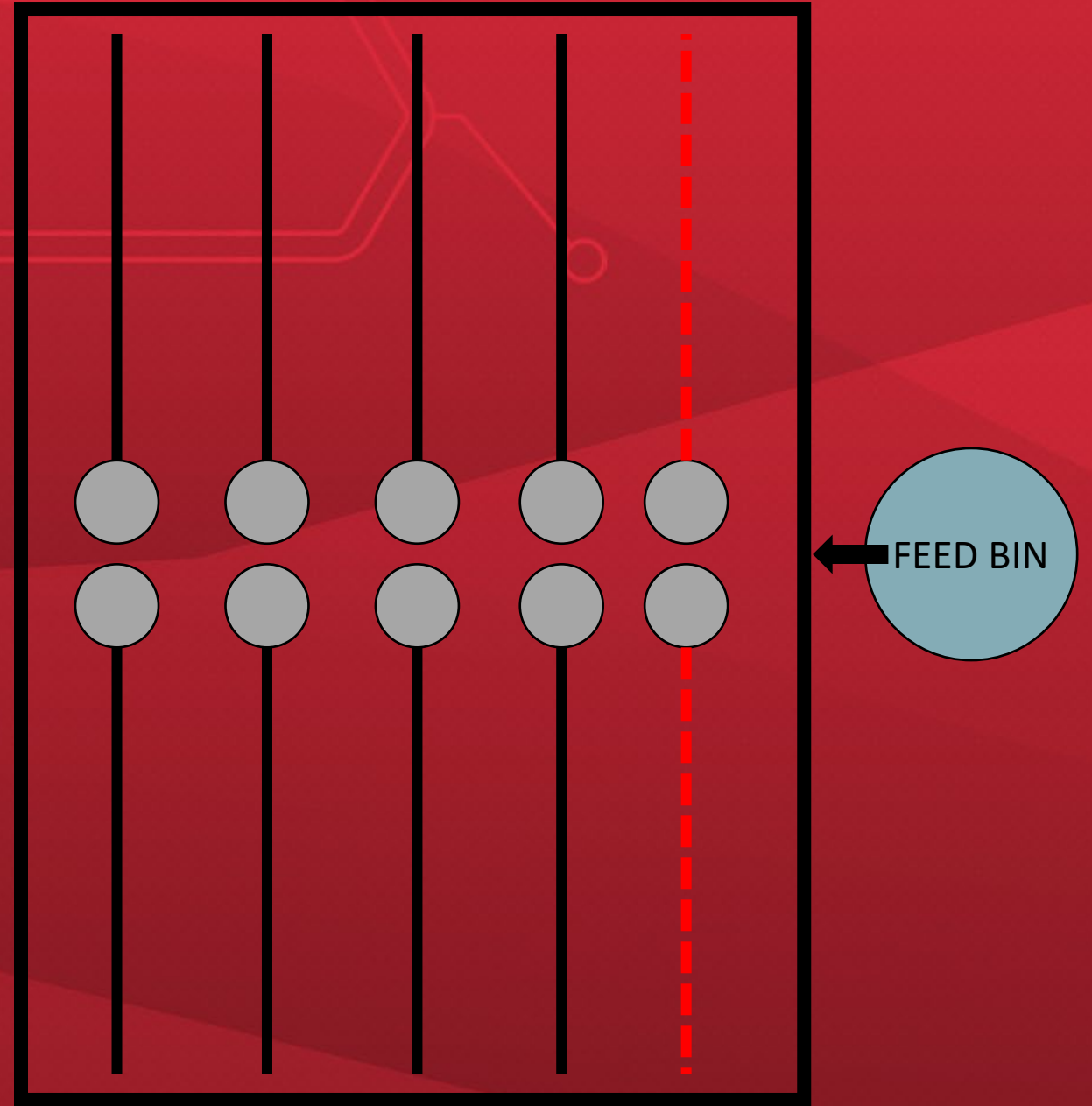
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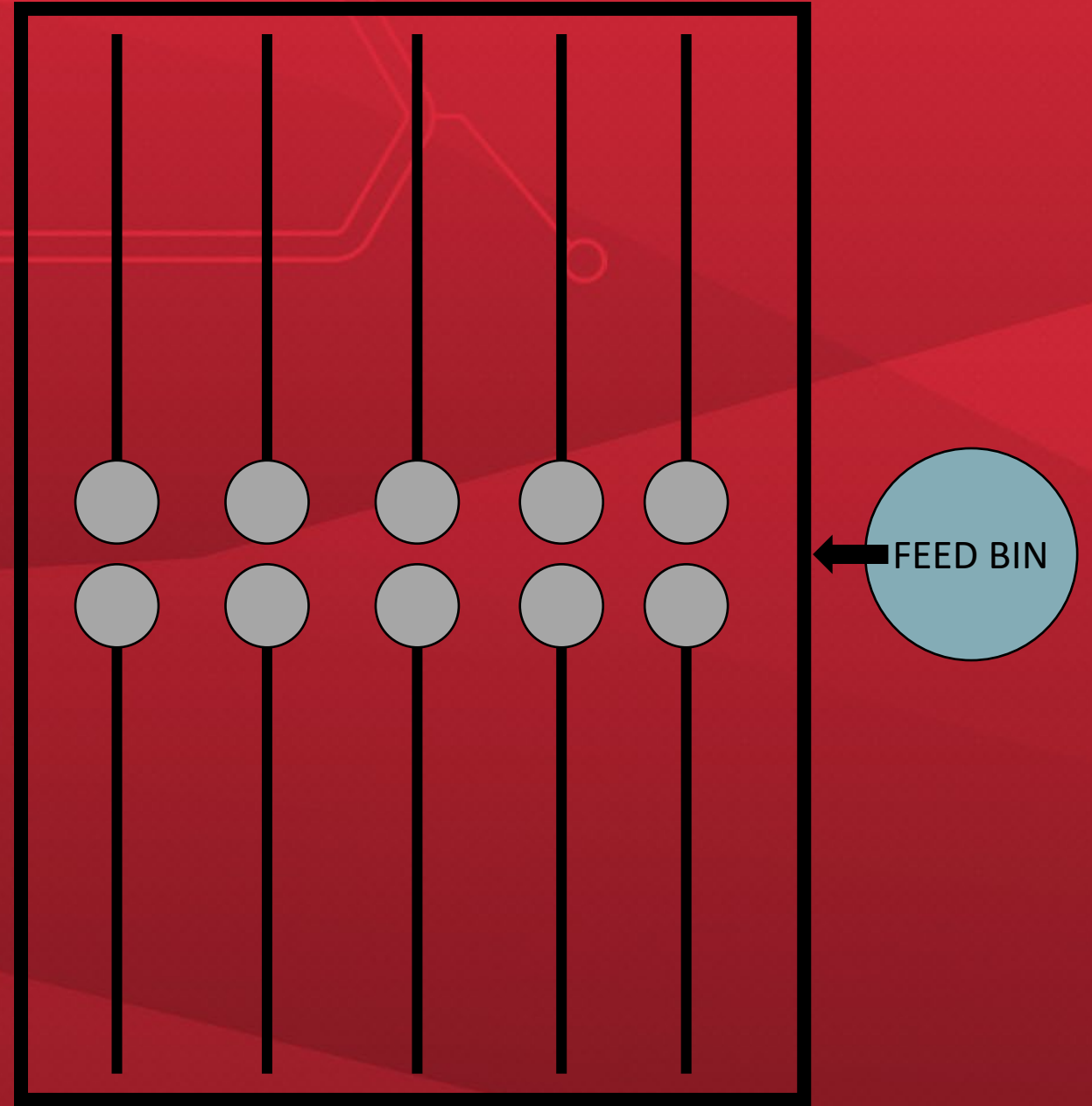
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Konavi® Pullet House Management Example

Week	Liveability	Count	Date	Daily Ration (lb)	4/3 Ration (lb)	Lines *	Pans	Birds/Pan	Lbs/Pan EveryDay	Lbs/Pan 4/3 Skip	Birds/Pan Target
1	99.50%	11000	2/22	Ad Lib		2	163	67.4			
2	99.50%	10945	3/1	Ad Lib		2	163	67.1			
3	99.75%	10890	3/8	653	1143	3	245	44.5	2.7	4.7	44
4	99.75%	10863	3/15	728	1274	4	326	33.3	2.2	3.9	33
5	99.75%	10836	3/22	780	1365	6	490	22.1	1.6	2.8	22
6	99.75%	10809	3/29	821	1438	8	653	16.6	1.3	2.2	17
7	99.75%	10782	4/5	884	1547	8	653	16.5	1.4	2.4	17
8	99.75%	10755	4/12	936	1637	8	653	16.5	1.4	2.5	17
9	99.75%	10728	4/19	998	1746	10	816	13.1	1.2	2.1	13
10	99.75%	10701	4/26	1049	1835	10	816	13.1	1.3	2.2	13
11	99.75%	10674	5/3	1089	1905	10	816	13.1	1.3	2.3	13
12	99.75%	10648	5/10	1161	2031	10	816	13.0	1.4	2.5	13
13	99.75%	10621	5/17	1221	2137	10	816	13.0	1.5	2.6	13
14	99.75%	10595	5/24	1303	2280	10	816	13.0	1.6	2.8	13
15	99.75%	10568	5/31	1363	2386	10	816	13.0	1.7	2.9	13
16	99.75%	10542	6/7	1434	2509	10	816	12.9	1.8	3.1	13
17	99.75%	10515	6/14	1535	2687	10	816	12.9	1.9	3.3	13
18	99.75%	10489	6/21	1636	2863	10	816	12.9	2.0	3.5	13
19	99.75%	10463	6/28	1747	3058	10	816	12.8	2.1	3.7	13
20	99.75%	10437	7/5	1868	3269	10	816	12.8	2.3	4.0	13
21	99.75%	10410	7/12	1978	3461	10	816	12.8	2.4	4.2	13
22	99.75%	10384	7/19	2118	3707	10	816	12.7	2.6	4.5	13



THANK YOU



Dan Morehouse

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