

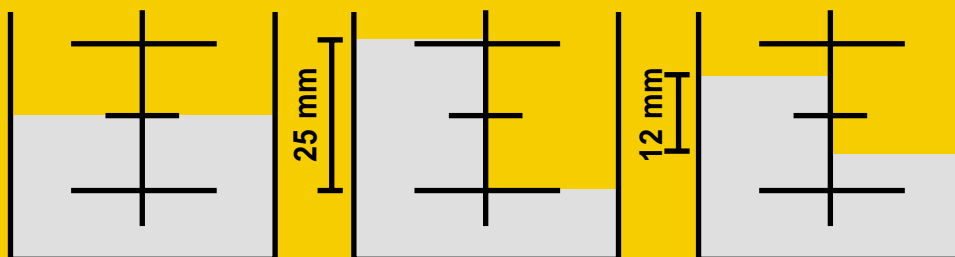
# USE OF QUICKPHOS® IN THIS SEALED SILO

ALWAYS READ THE LABEL BEFORE USE  
(Approved directions for use may vary from those recommended here)

## GENERAL

- Remove top hatch before outloading.
- Keep silo sealed when storing grain.
- Check silo regularly for insect infestation when storing grain.
- This is a sealable chamber. Fumigants will not control insects unless held at lethal concentrations for the specified time.

## TYPICAL PRESSURE RELIEF VALVE



### Start

Fill to centre line of valve with light hydraulic or paraffin oil.

### Pressurise

Use a compressor, vacuum cleaner or blow gun to pressurise the silo slightly. The oil will move down to the lower mark.

### Half Life

Oil level should take at least 3 minutes to fall to the halfway mark in a full silo, 5 minutes in an empty silo.

- **Check at least annually for gas tightness.**
- Replace rubber seals immediately if they are damaged or become distorted.
- Do not store wheat and coarse grains with a moisture content above 12% unless aeration equipment is installed.

**Fumigate every time fresh grain is loaded into the silo.**

This information sheet is produced by UNITED PHOSPHORUS LIMITED, the manufacturer of QuickPhos. QuickPhos® is the registered trademark of United Phosphorus Limited. Some information supplied courtesy of Agriculture Wisdom Australia. \*The figures in the boxes have been calculated by the supplier of this silo. United Phosphorus Limited accepts no responsibility for its accuracy.

## RECOMMENDED QUICKPHOS TABLET DOSE RATES

- 2 QuickPhos 3 g Tablets per tonne of total silo capacity (based on wheat).  
or  
1 QuickPhos 340 g Bag Chain per 50 tonnes of silo capacity (based on wheat).
- This silo needs  QuickPhos 3 g Fumigation Tablets.
- or  QuickPhos 340 g Bag Chains
- The same dose is required even if the silo is only partially full.
- QuickPhos can be applied by adding mixture during loading or, when loading is complete, by probing into the grain or, by spreading on trays in head space to aid residue removal. Tablets must not be placed in contact with each other when exposed to air - spontaneous combustion can occur. Silo must be filled, treated and sealed within 12 hours.

## FUMIGATION PERIOD

- **Tablets:** allow 7 days when grain temperature is 25°C or greater and 10 days where it is between 15 to 25°C for gas to circulate within the silo.
- **Bag chains:** allow 20 days for gas to circulate.
- Do not use QuickPhos when the grain temperature is below 15°C or when the moisture content is below 9%.

## VENTILATION PERIOD

- Ventilate silo for a minimum of 5 days with the top and bottom hatches removed before outloading grain. Grain may be shipped after completion of the ventilation period.

## WITHHOLDING PERIOD

- Allow a minimum of 2 days after completion of ventilation before using grain for human consumption or stockfeed.

## PHOSPHINE CAN KILL IF INHALED OR INGESTED

- Do not enter silo until grain is removed.
- Access through base hatch only.
- Ventilate an empty silo for at least 2 days

For further information contact  
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# QuickPhos®

The Grain Pest Terminator

## READY RECKONER

FOR THE QUICKPHOS RANGE OF FUMIGANTS

*IMPORTANT: THE NUMBER OF QUICKPHOS TABLETS, BAGS, BAG CHAINS OR BLANKETS REQUIRED IS DETERMINED BY THE VOLUME OF THE STORAGE (CUBIC METRES) NOT BY THE TONNAGE OF GRAIN STORED*

CUBIC METRES OF STORAGE CAPACITY	TONNES OF GRAIN	BUSHEL OF GRAIN	TABLETS 3 GM	PELLETS 0.6 GM	BAG 34 GM	BAG CHAIN 10X34 GM	BLANKET 3.4 KG
2.0	1.6	56.4	3	15			
4.0	3.2	112.8	6	30			
7.5	6.0	211.6	11	56	1		
10.0	8.0	282.1	15	75			
20.0	16.0	564.3	30	150	3		
50.0	40.0	1410.9	75	375	7	1	
100.0	80.0	2821.8	150	750	13	2	
500.0	400.0	14109.3	750	3750	66	7	
1000.0	800.0	28218.6	1500		133	13	
1500.0	1200.0	42328.0	2250		200	20	
1860.0	1500.0	52910.0	2790		248	25	1

**NOTE: READ THE LABEL ON THE CONTAINER FOR DOSE RATES AS THIS RECKONER IS INTENDED AS A GUIDE ONLY TO GIVE APPROXIMATE DOSE RATES**

For further information contact

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