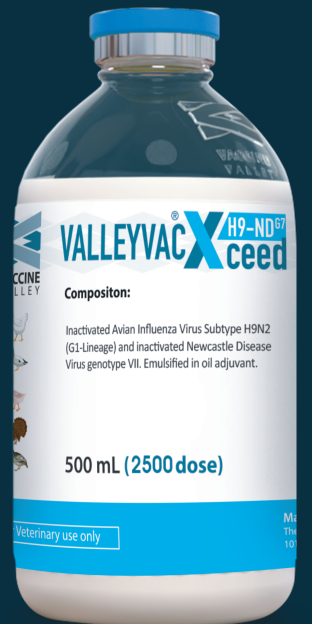




VALLEYVAC[®] X H9-ND^{G7}
ceed

TURN TO
PERFORMANCE



X RANGE
ceed
PERFORMANCE

X RANGE
ceed
EARLY
IMMUNITY

X RANGE
ceed
SPECIFIC
PROTECTION

- | Early Protection, Most matching for hatchery vaccination
- | Full Dose: 0.2 ml / Bird
- | Vaccination time: 1st week of age

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vaccinevalley

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6th of October city, Egypt.

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#VALLEYVACXCEED H9-ND^{G7}

X RANGE ceed ANTIGENIC CONCENTRATION AND RELATEDNESS

ValleyVac® XCEED H9 Range (H9-ND^{G7} / H9N2)

The First Inactivated H9 Vaccine Especially Designed for Broiler Flocks to provide full and high antigenic mass (from recent isolated LPAI H9N2, ND GVII, ND GII strains) in 0.2 ml dose, for induction of most specific immunity to the current epidemiological situation.



XCCED H9-ND ^{G7} Concentration/ 0.2 Dose		
Strain	EID 50	HAU
H9N2 G1-Lineage Recent Middle East Isolate	10 ⁹	> 512 HAU
NDV GVII Whole Virus	10 ^{8.5}	> 512 HAU
NDV GII Whole Virus	10 ⁹	> 512 HAU



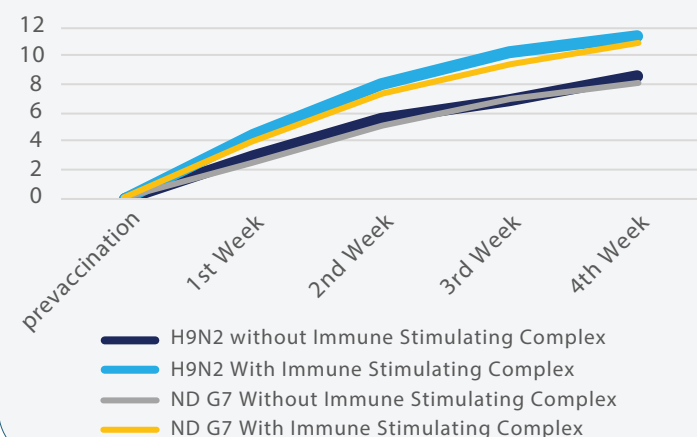
XCCED H9N2 Concentration /0.2 Dose		
Strain	EID 50	HAU
H9N2 G1-Lineage Recent Middle East Isolate	10 ⁹	> 512 HAU

XCEED IMMUNOGENICITY

SPF Chicken

The following study conducted in Vaccine Valley's lab. animal house to evaluate the value of adding immune stimulating complex to 0.2 ml Dose, and monitoring immune response for 4 weeks post vaccination. To be the most matching H9 Vaccine for the early infected farms.

XCEED® H9-NDG7 Serological Monitoring for 4 Weeks Post Vaccination in SPF Chickens For H9N2 and ND GVII

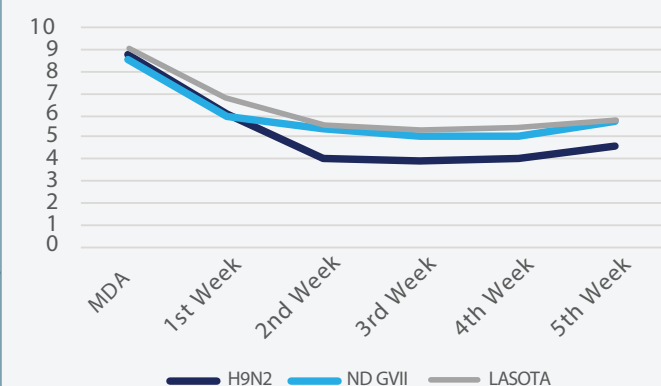


Study Shows significant sharp increase of immune response in group empowered by ISCOM compared by control group by more than 2 log

Commercial Broiler

The following study conducted in Vaccine Valley's field trial farm to evaluate and monitoring the early and extended immune response for 5 weeks post vaccination under field conditions.

XCEED® H9-NDG7 Serological Monitoring for 5 Weeks Post Vaccination in commercial broiler Chickens for H9N2, ND GVII & ND GII



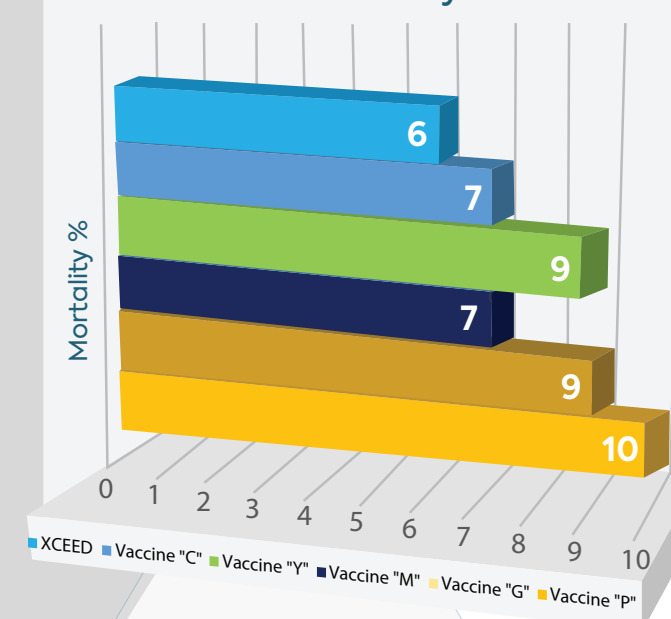
Study Shows rapid response as early as 2 weeks post vaccination, and extended protection till the end of the production cycle.

X RANGE ceed PERFORMANCE

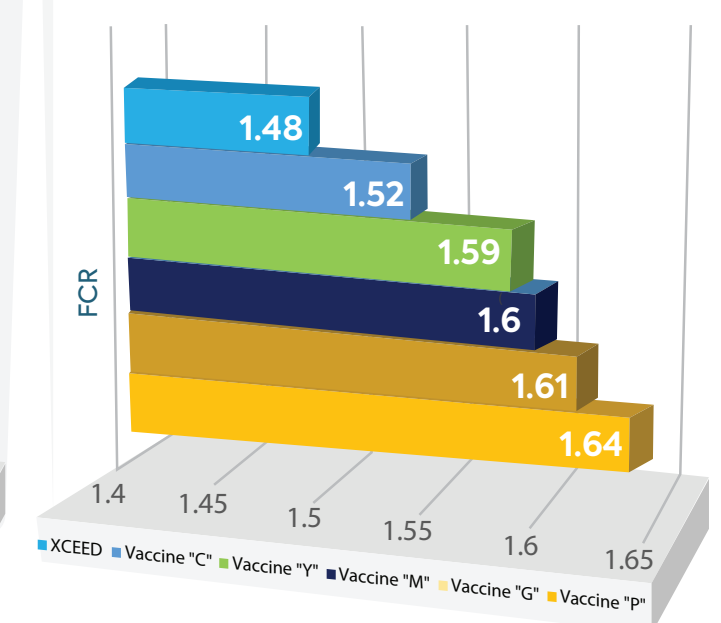
Comparative Trial Conducted to evaluate performance in commercial broiler birds, Total Capacity of House was 6000 Birds, and divided to 1000 per each group as:

Groups number, and vaccines composition.	G1 ValleyVac® XCEED H9-ND ^{G7} H9 (recent middle east isolated strain) + ND GVII (Whole Virus)	G2 Vaccine "C" H9 + ND Lasota	G3 Vaccine "Y" H9 + ND GVII	G4 Vaccine "M" H9 + ND GVII	G5 Vaccine "G" H9 + ND Ulster 2C	G6 Vaccine "P" H9 + ND Clone
Dose As recommended by manufacturer	0.2 ml/ Bird	0.2 ml/ Bird	0.3 ml/ Bird	0.2 ml/ Bird	0.3 ml/ Bird	0.25 ml/ Bird
Vaccination Day	In Hatchery					
H9N2 Exposure	18 Days					
Selling Age	35 Days Old					

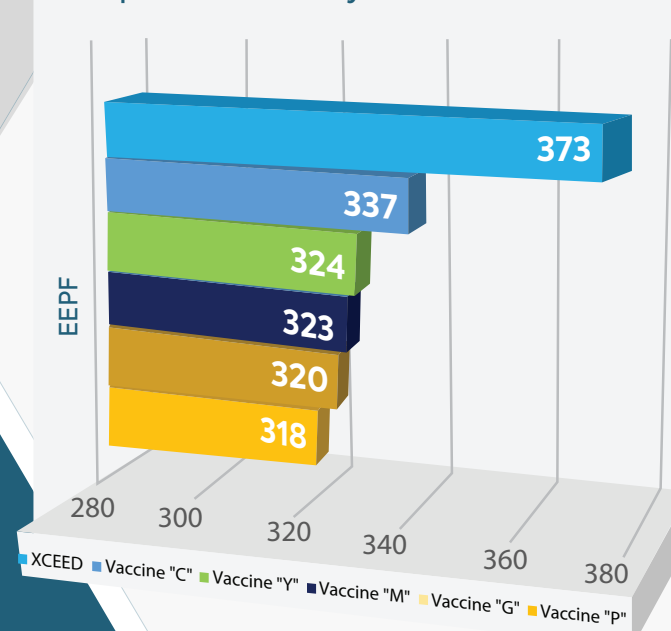
Mortality



Feed Conversion Rate



European Efficiency Production Factor



Study Shows that XCEED H9-ND^{G7} has superior protection against early LPAI H9N2 infection at early age of commercial broiler flocks, which reflects on performance of flock in addition to profitability.